

What is claimed:

1. A revolving piston rotary toroidal cylinder valved expandable chamber device comprising :

an outer toroidal cylinder housing assembly having a smooth interior surface,
connected to
a valve that acts to isolate one or a plurality of pistons within said toroidal cylinder housing, said pistons having means for attachment to
a central balanced rotor, said rotor having means for attachment to
a central axle or crank shaft supported by a plurality of
bearings and/or bushings, and
an exhaust port with means for attachment to said outer toroidal cylinder housing.

2. A revolving piston rotary toroidal cylinder valved expandable chamber device according to claim 1, wherein said outer toroidal cylinder housing assembly, having a smooth interior surface, having said valve attached,

providing passage and isolation to said piston as a means for preventing retrograde escape of gases, fluid, water, steam and quanta and guaranteeing rotational direction, said gases, fluid, water, steam and quanta providing force to said piston isolated by said valve to turn said attached rotor whereby turning said axle or crank shaft,

providing support by said plurality of bearings and or bushings, said exhaust port having means for attachment to said toroidal cylinder, said pistons to be shaped with a gradually sloping back and conforming to the inner cylinder surface, therefore easing the evacuation of exhaust.

3. A revolving piston rotary toroidal cylinder valved expandable chamber device according to

pistons to be shaped with a gradually slopped back and conforming to the inner cylinder surface.

a combustor (and/or combustion chamber with method for igniting an internal combustion engine.

6. A revolving piston rotary toroidal cylinder valved expandable chamber device according to claim 1 wherein said device also comprises means for Fluid Metering devices.) 2

7. A revolving piston rotary toroidal cylinder valved expandable chamber device according to claim 1 wherein said device also comprises means for Power Assist devices. 17.

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